



# South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178  
(909) 396-2000 • www.aqmd.gov

DATE: 11-03-05

EQUIPMENT LOCATED AT: 6009 BANDINI BLVD  
COMMERCE, CA 90040

LEGAL OWNER CO. ID: 77891  
OR OPERATOR DAVID H. FELL & CO INC  
6009 BANDINI BLVD ATTN: MAX RAFFI  
COMMERCE, CA 90040

## PERMIT/APPLICATION RENEWALS

| PERMIT/<br>APPL NBR | EQUIPMENT DESCRIPTION                    | NEXT RENEWAL<br>DATE |
|---------------------|--|----------------------|
| BILLING YEAR : 2005 |  |                      |
| D69224              | FURNACE CRUCIBLE MISC METALS             | 09-16-06             |
| D69225              | FURNACE CRUCIBLE MISC METALS             | 09-16-06             |
| D69226              | FURNACE CRUCIBLE MISC METALS             | 09-16-06             |
| F16012              | FURNACE OTHER MET OPS MISC METALS        | 09-16-06             |
| F43391              | OTHER ORGANIC MATERIAL SIZE CLASSIFICATI | 09-16-06             |
| 3392                | GOLD RECOVERY                            | 09-16-06             |
| 3395                | GOLD RECOVERY                            | 09-16-06             |
| F43396              | GOLD RECOVERY                            | 09-16-06             |
| F43397              | GOLD RECOVERY                            | 09-16-06             |
| F43398              | GOLD RECOVERY                            | 09-16-06             |
| F43399              | GOLD RECOVERY                            | 09-16-06             |
| F43400              | GOLD RECOVERY                            | 09-16-06             |
| F43401              | BAGHOUSE, AMBIENT TEMP (>500 SQ FT)      | 09-16-06             |
| F43402              | BAGHOUSE, AMBIENT TEMP (>500 SQ FT)      | 09-16-06             |

ATTACHMENT- A-2



# South Coast Air Quality Management District

21865 E. Copley Drive, Diamond Bar, CA 91765-4182  
(909) 396-2000 - <http://www.aqmd.gov>

October 24, 2000

David H. Fell & Company, Inc.  
6009 Bandini Blvd.  
Commerce, CA 90040

Attention: Max Rafii

## VIA FACSIMILE AND U.S. MAIL

Gentlemen:

Reference: Application No. 375430

### Approval of the Rule 1407 Compliance Plan and Alternative Emission Control Measure (AECM) for the Facility Located at Same as Above Address

The South Coast Air Quality Management District (AQMD) has completed the review of all the information relating to your compliance plan submitted under AQMD Rule 1407 for the above-described facility, and the AECM submitted pursuant to Rule 1407 (h). The compliance plan and AECM to meet the requirements of Rule 1407 is granted approval subject to the following conditions:

- 1) For the purpose of this compliance plan letter, the following air pollution control (APC) System identification numbers shall be used:

| Device<br>ID     | Current<br>Application No. | Previous<br>Permit No. |
|------------------|----------------------------|------------------------|
| APC System No. 1 | 316619                     | D69221                 |
| APC System No. 2 | 316617                     | D69222                 |

- 2) Operation of this equipment shall be conducted in accordance with all data and specifications submitted with the application under which this plan is issued unless otherwise noted below.
- 3) This equipment shall be properly maintained and kept in good operating condition at all times.

- 4) The operation of this facility shall comply with the emission standards for Rule 1407, except as stated below.
- 5) The operator shall replace all filter bags in APC System No. 1 with PTFE membrane type filter bags not later than February 10, 2001. A copy of the purchase order for the bags installed in the baghouse shall be kept together with the permits issued for this equipment.
- 6) The operator shall install upgraded HEPA filters in APC System no. 2 not later than February 10, 2001. The new filters shall be rated by the manufacturer at not less than 99.999 % on 0.3 micron particles. A copy of the manufacturer's certification for the HEPA filters shall be kept together with the permits issued for this equipment.
- 7) The operator shall submit two (2) separate permit applications, and all applicable permit fees, for the Permits to Construct required to modify APC System Nos. 1 and 2, as required by condition nos. 5 and 6, not later than November 17, 2000.
- 8) The operator shall install and maintain pressure differential gauge(s) so as to indicate, in inches water column, the static pressure differential across each baghouse and across each HEPA filter venting metal melting furnaces and/or lead casting equipment at this facility.
- 9) The operator shall install and maintain a flow meter to accurately indicate the exhaust gas velocity in the inlet or outlet duct(s) for all baghouses venting metal melting furnaces at this facility.
- 10) The operator shall install and maintain temperature indicating devices to accurately indicate the temperature in each inlet duct, in degrees Fahrenheit, in all baghouses venting metal melting furnaces and/or casting equipment at this facility.
- 11) The operator shall install and maintain a triboelectric-type broken bag detector in each APC System exhaust outlet for all APC Systems venting metal melting furnaces and/or casting equipment at this facility.
- 12) The triboelectric-type broken bag detectors shall be calibrated and/or tested in accordance with the manufacturer's protocol at least once per year, and more often if necessary, to ensure proper operation of the triboelectric-type broken bag detectors.
- 13) The triboelectric-type broken bag detectors shall be equipped with an audible, and a visual, alarm warning system.

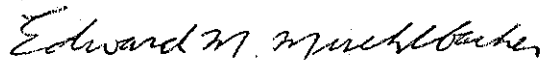
- 14) The exhaust systems and APC system pressure drops shall conform to design and operation specifications given in the most current edition of "Industrial Ventilation, Guidelines and Recommended Practices", published by the American Conference Of Governmental and Industrial Hygienists (20th Edition or thereafter). The exhaust system shall be subject to evaluation pursuant to Rules 201 and/or 203.
- 15) A log concerning the operation of this equipment shall be kept on file for a minimum of five years. The past two years' records shall be kept on site and shall be made available upon request of AQMD personnel. This log shall contain the following information:
  - A. The calendar dates on which calibrations and/or tests of the triboelectric-type broken bag detectors are performed.
  - B. A copy of the manufacturer's protocol used to calibrate and/or test the triboelectric-type broken bag detector(s).

It is your responsibility to comply with all other AQMD rules and regulations and with all laws, ordinances, and regulations of other governmental agencies which are applicable to the operation of the subject equipment.

A copy of this letter shall be displayed in the vicinity of the equipment subject to this plan.

If you have any questions concerning your application, please contact Ed Muehlbacher at (909) 396-2703 or Marco A. Polo at (909) 396-2633.

Very truly yours,



Edward M. Muehlbacher  
Engineering Supervisor  
Toxics and Waste Management Team  
Engineering and Compliance

EMM:MAP

cc: Marco A. Polo  
Sam Vergara



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 East Copley Drive, Diamond Bar, CA 91765

## PERMIT TO OPERATE

page 1  
Permit No  
F43401  
A/N 377335

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.  
If the billing for annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District

LEGAL OWNER  
OR OPERATOR:

DAVID H. FELL & CO INC  
6009 BANDINI BLVD  
COMMERCE, CA 90040

ID 077891

Equipment Location: 6009 BANDINI BLVD, COMMERCE, CA 90040

### Equipment Description:

#### AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. BAGHOUSE NO. 2, MICRO-PULSAIRE, MODEL 210-S-10-20-TR, PULSE JET CLEANING, 8'-3" W. X 8'-10" L. X 24'-8" H., WITH 210 POLYESTER FILTER BAGS, EACH 0'-4 1/2" DIA. X 10'-0" L., TOTAL FILTER AREA OF 2,472 SQ. FT.
2. EXHAUST SYSTEM WITH A 50-H.P. BLOWER VENTING TWO PRECIOUS METAL MELTING FURNACES, TWO POURING HOODS, ONE DE-SLAG HOOD, AND ONE COOLING BOX.
3. DUST COLLECTOR, CAMBRIDGE, HEPA, MODEL 60-100-242412, 10'-4" W. X 6'-4" H. X 2'-1" DEPTH, WITH 15 FILTERS, 2'-0" W. X 2'-0" L. X 1'-0" DEPTH EACH, SHARED WITH BAGHOUSE NO. 1.

### Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
- 3) THIS EQUIPMENT SHALL BE IN FULL USE WHENEVER THE EQUIPMENT VENTED TO IT ARE IN OPERATION.
- 4) THIS FACILITY SHALL COMPLY WITH ALL APPLICABLE PROVISIONS OF THE DISTRICT RULE 1401
- 5) THE OPERATOR SHALL INSTALL AND MAINTAIN A MECHANICAL PRESSURE DIFFERENTIAL GAUGE TO INDICATE, IN INCHES OF WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE BAGHOUSE AND ACROSS THE HEPA FILTERS.

ORIGINAL



**PERMIT TO OPERATE**

page 2  
Permit No.  
F43401  
A/N 377335

CONTINUATION OF PERMIT TO OPERATE

- 6) DUSTS COLLECTED IN THE BAGHOUSE SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS.
- 7) THE OPERATOR SHALL INSTALL AND MAINTAIN A FLOW METER TO ACCURATELY INDICATE THE EXHAUST GAS VELOCITY IN THE INLET OR OUTLET DUCT FOR THIS BAGHOUSE.
- 8) THE OPERATOR SHALL INSTALL AND MAINTAIN A TEMPERATURE INDICATING DEVICE TO ACCURATELY INDICATE THE TEMPERATURE IN INLET DUCT, IN DEGREES FAHRENHEIT, IN THIS BAGHOUSE.
- 9) THE OPERATOR SHALL INSTALL AND MAINTAIN A TRIBOELECTRIC-TYPE BROKEN BAG DETECTOR IN THE BAGHOUSE EXHAUST OUTLET.
- 10) THE TRIBOELECTRIC-TYPE BROKEN BAG DETECTOR SHALL BE CALIBRATED AND/OR TESTED IN ACCORDANCE WITH THE MANUFACTURER'S PROTOCOL AT LEAST ONCE PER YEAR, AND MORE OFTEN IF NECESSARY, TO ENSURE PROPER OPERATING OF THE TRIBOELECTRIC-TYPE BROKEN BAG DETECTOR.
- 11) THE TRIBOELECTRIC-TYPE BROKEN BAG DETECTOR SHALL BE EQUIPPED WITH AN AUDIBLE, AND A VISUAL, ALARM WARNING SYSTEM.
- 12) THE EXHAUST SYSTEM AND AIR POLLUTION CONTROL SYSTEM PRESSURE DROP SHALL CONFORM TO DESIGN AND OPERATION SPECIFICATIONS GIVEN IN THE MOST CURRENT EDITION OF "INDUSTRIAL VENTILATION, GUIDELINES AND RECOMMENDED PRACTICES" PUBLISHED BY THE AMERICAN CONFERENCE OF GOVERNMENTAL AND INDUSTRIAL HYGIENISTS (20TH EDITION OR THEREAFTER).
- 13) A DAILY LOG CONCERNING THE FIRE PREVENTION BAGHOUSE MAINTENANCE AND THE OPERATION OF THE TRIBOELECTRIC-TYPE BROKEN BAG DETECTOR SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS. THE PAST TWO YEARS' RECORDS SHALL BE KEPT ON SITE AND SHALL BE MADE AVAILABLE UPON REQUEST OF AQMD PERSONNEL. THIS LOG SHALL CONTAIN THE FOLLOWING INFORMATION:
  - A. THE CALENDAR DATES ON WHICH BROKEN BAG DETECTOR CALIBRATIONS AND/OR TESTS ARE PERFORMED.
  - B. A COPY OF THE MANUFACTURER'S PROTOCOL USED TO CALIBRATE AND/OR TEST THE TRIBOELECTRIC-TYPE BROKEN BAG DETECTOR.

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

ORIGINAL



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 East Copley Drive, Diamond Bar, CA 91765

## PERMIT TO OPERATE

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Permit No  
F43401  
A/N 377335

### CONTINUATION OF PERMIT TO OPERATE

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

*Dorris M. Bailey*

By Dorris M. Bailey/am01  
8/22/2001

ORIGINAL



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 East Copley Drive, Diamond Bar, CA 91765

## PERMIT TO OPERATE

page 1  
Permit No  
F43402  
A/N 377332

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.  
If the billing for annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

LEGAL OWNER  
OR OPERATOR:

DAVID H. FELL & CO INC  
6009 BANDINI BLVD  
COMMERCE, CA 90040

ID 077891

Equipment Location: 6009 BANDINI BLVD, COMMERCE, CA 90040

### Equipment Description:

#### AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. BAGHOUSE NO. 1, MICRO-PULSAIRE, MODEL 210-S-10-20-TR, PULSE JET CLEANING, 8'-3" W. X 8'-10" L. X 24'-8" H., WITH 210 PTFE MEMBRANE TYPE POLYESTER FILTER BAGS, EACH 0'-4 1/2" DIA. X 10'-0" L., TOTAL FILTER AREA OF 2472 SQ. FT.
2. EXHAUST SYSTEM WITH A 60-H.P. BLOWER VENTING ONE ROASTER FURNACE, FOURTEEN PRECIOUS METAL MELTING FURNACES, ONE SCREENING SYSTEM, THREE POURING HOODS, AND ONE COOLING BOX.
3. DUST COLLECTOR, CAMBRIDGE, HEPA, MODEL 60-100-242412, 10'-4" W. X 6'-4" H. X 2'-1" DEPTH, WITH 15 FILTERS, 2'-0" W. X 2'-0" L. X 1'-0" DEPTH, SHARED WITH BAGHOUSE NO. 2.

### Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
- 3) THIS EQUIPMENT SHALL BE IN FULL USE WHENEVER THE EQUIPMENT VENTED TO IT ARE IN OPERATION.
- 4) THIS FACILITY SHALL COMPLY WITH ALL APPLICABLE PROVISIONS OF THE DISTRICT RULE 1401.
- 5) THE OPERATOR SHALL INSTALL AND MAINTAIN A MECHANICAL PRESSURE DIFFERENTIAL GAUGE TO INDICATE, IN INCHES OF WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE BAGHOUSE AND ACROSS THE HEPA FILTERS.

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**PERMIT TO OPERATE**

page 2  
Permit No  
F43402  
A/N 377332

CONTINUATION OF PERMIT TO OPERATE

- 6) DUSTS COLLECTED IN THE BAGHOUSE SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS.
- 7) THE OPERATOR SHALL INSTALL AND MAINTAIN A FLOW METER TO ACCURATELY INDICATE THE EXHAUST GAS VELOCITY IN THE INLET OR OUTLET DUCT FOR THIS BAGHOUSE.
- 8) THE OPERATOR SHALL INSTALL AND MAINTAIN A TEMPERATURE INDICATING DEVICE TO ACCURATELY INDICATE THE TEMPERATURE IN INLET DUCT, IN DEGREES FAHRENHEIT, IN THIS BAGHOUSE.
- 9) THE OPERATOR SHALL INSTALL AND MAINTAIN A TRIBOELECTRIC-TYPE BROKEN BAG DETECTOR IN THE BAGHOUSE EXHAUST OUTLET.
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- 11) THE TRIBOELECTRIC-TYPE BROKEN BAG DETECTOR SHALL BE EQUIPPED WITH AN AUDIBLE, AND A VISUAL, ALARM WARNING SYSTEM.
- 12) THE EXHAUST SYSTEM AND AIR POLLUTION CONTROL SYSTEM PRESSURE DROP SHALL CONFORM TO DESIGN AND OPERATION SPECIFICATIONS GIVEN IN THE MOST CURRENT EDITION OF "INDUSTRIAL VENTILATION, GUIDELINES AND RECOMMENDED PRACTICES" PUBLISHED BY THE AMERICAN CONFERENCE OF GOVERNMENTAL AND INDUSTRIAL HYGIENISTS (20TH EDITION OR THEREAFTER).
- 13) A DAILY LOG CONCERNING THE FIRE PREVENTION BAGHOUSE MAINTENANCE AND THE OPERATION OF THE TRIBOELECTRIC-TYPE BROKEN BAG DETECTOR SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS. THE PAST TWO YEARS' RECORDS SHALL BE KEPT ON SITE AND SHALL BE MADE AVAILABLE UPON REQUEST OF AQMD PERSONNEL. THIS LOG SHALL CONTAIN THE FOLLOWING INFORMATION:
  - A. THE CALENDAR DATES ON WHICH BROKEN BAG DETECTOR CALIBRATIONS AND/OR TESTS ARE PERFORMED.
  - B. A COPY OF THE MANUFACTURER'S PROTOCOL USED TO CALIBRATE AND/OR TEST THE TRIBOELECTRIC-TYPE BROKEN BAG DETECTOR.

NOTICE

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SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 East Copley Drive, Diamond Bar, CA 91765

**PERMIT TO OPERATE**

page 3  
Permit No  
F43402  
A/N 377332

**CONTINUATION OF PERMIT TO OPERATE**

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EXECUTIVE OFFICER

*Doris M. Bailey*

By Doris M. Bailey/am01  
8/22/2001

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SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 East Copley Drive, Diamond Bar, CA 91765

## PERMIT TO OPERATE

page 1  
Permit No.  
F43391  
A/N 316616

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.  
If the billing for annual renewal fee (Rule 301 f) is not received by the expiration date, contact the District.

LEGAL OWNER  
OR OPERATOR:

DAVID H. FELL & CO INC  
6009 BANDINI BLVD  
COMMERCE, CA 90040

ID 077891

Equipment Location: 6009 BANDINI BLVD, COMMERCE, CA 90040

### Equipment Description:

#### PRECIOUS METAL RECOVERY SYSTEM CONSISTING OF:

1. EQUIPMENT NO. 1, BALL MILL, SWECO VIBRO-ENERGY DRY GRINDING MILL, MODEL DM-3, 3 CU. FT. CAPACITY, WITH AN 1 1/4 H.P. MOTOR.
2. EQUIPMENT NO. 2, SCREEN, SWECO VIBRO-ENERGY SEPARATOR, MODEL LS24, 24" DIA, WITH A 1/3 H.P. MOTOR.
3. EQUIPMENT NO. 3, SCREEN, SWECO VIBRO-ENERGY SEPARATOR, MODEL LS30, 31 5/8" DIA, WITH A 1/2 H.P. MOTOR.
4. EQUIPMENT NO. 4, BALL MILL, SWECO VIBRO-ENERGY DRY GRINDING MILL, MODEL DM-3, 3 CU. FT. CAPACITY, WITH AN 1 1/4 H.P. MOTOR.
5. EQUIPMENT NO. 5, SCREEN, SWECO VIBRO-ENERGY SEPARATOR, MODEL LS24, 24" DIA, WITH A 1/3 H.P. MOTOR.
6. EQUIPMENT NO. 6, V-BLENDER, 12 CU. FT. CAPACITY.
7. EQUIPMENT NO. 7, BLENDER.
8. EQUIPMENT NOS. 8 & 9, ROD MILLS, ASIAR, 0.65 CU. FT. CAPACITY EACH.
9. EQUIPMENT NO. 10, BICO PULVERIZER, BICO, MODEL UA 53, SERIAL NO. 34660, WITH A 2 H.P. BICO ROTOR AND STATOR.
10. EQUIPMENT NO. 11, SMALL JAW CRUSHER, BRAUN CHIPMUNK, MODEL NO. DW84, 0'-4" X 0'-3" <sup>ovt</sup>
11. EQUIPMENT NO. 12, BALL MILL, 2'-10" W. X 4'-2" L., 400 LBS CAPACITY
12. EQUIPMENT NO. 13, JAW CRUSHER, STURTEVANI MILLCO, 0'-8" X 0'-5", WITH A 5 H.P. MOTOR

Conditions:

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SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 East Copley Drive, Diamond Bar, CA 91765

## PERMIT TO OPERATE

page 2  
Permit No.  
F43391  
A/N 316616

### CONTINUATION OF PERMIT TO OPERATE

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
- 3) PRECIOUS METAL SCREENING SYSTEM SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS A VALID DISTRICT PERMIT.

### NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

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EXECUTIVE OFFICER

*Dorris M. Bailey*

By Dorris M. Bailey/am01  
8/22/2001

ORIGINAL



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 East Copley Drive, Diamond Bar, CA 91765

## PERMIT TO OPERATE

page 1  
Permit No.  
F43400  
A/N 316626

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.  
If the billing for annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

LEGAL OWNER  
OR OPERATOR:

DAVID H. FELL & CO INC  
6009 BANDINI BLVD  
COMMERCE, CA 90040

ID 077891

**Equipment Location:** 6009 BANDINI BLVD, COMMERCE, CA 90040

**Equipment Description:**

PRECIOUS METAL RECOVERY SYSTEM CONSISTING OF:

- 1 EQUIPMENT NO. 15, INDUCTION FURNACE, INDUCTOTHERM, CRUCIBLE TYPE, MODEL TABLE MOUNT MINI MELT, 0'-11" DIA. X 1'-1" H.
- 2 EQUIPMENT NO. 16, INDUCTION FURNACE, INDUCTOTHERM, CRUCIBLE TYPE, MODEL TABLE MOUNT MINI MELT, 1'-1 1/2" DIA. X 1'-4 1/2" H.

**Conditions:**

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
- 3) EQUIPMENT NOS. 15 AND 16 SHALL NOT BE OPERATED UNLESS THEY ARE VENTED TO AN AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS A VALID DISTRICT PERMIT.
- 4) THE TOTAL AMOUNT OF MATERIAL CHARGED TO EQUIPMENT NOS. 15 AND 16 SHALL NOT EXCEED 1,200 POUNDS IN ANY ONE DAY.
- 5) THE OPERATOR SHALL MAINTAIN RECORDS IN A FORMAT APPROVED BY THE DISTRICT, TO DEMONSTRATE COMPLIANCE WITH CONDITION NO. 4. SUCH RECORDS SHALL BE RETAINED FOR A MINIMUM OF TWO YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.

ORIGINAL



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 East Copley Drive, Diamond Bar, CA 91765

## PERMIT TO OPERATE

page 2  
Permit No  
F43400  
A/N 316626

### CONTINUATION OF PERMIT TO OPERATE

#### NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

*Dorris M. Bailey*

By Dorris M. Bailey/am01  
8/22/2001

ORIGINAL



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 East Copley Drive, Diamond Bar, CA 91765

## PERMIT TO OPERATE

page 1  
Permit No  
F43392  
A/N 316620

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.  
If the billing for annual renewal fee (Rule 301. f) is not received by the expiration date, contact the District.

LEGAL OWNER  
OR OPERATOR:

DAVID H. FELL & CO INC  
6009 BANDINI BLVD  
COMMERCE, CA 90040

ID 077891

Equipment Location: 6009 BANDINI BLVD, COMMERCE, CA 90040

### Equipment Description:

PRECIOUS METAL RECOVERY SYSTEM CONSISTING OF:

1. EQUIPMENT NO. 17, ILLIED INDUCTION FURNACE, INDUCTOTHERM, CRUCIBLE TYPE, 0'-10" DIA. X 1'-6" H.
2. EQUIPMENT NO. 18, PUSH-OUT INDUCTION FURNACE, INDUCTOTHERM, CRUCIBLE TYPE, 1'-1" DIA. X 1'-6" H.
3. EQUIPMENT NO. 18A, PUSH-OUT INDUCTION FURNACE, INDUCTOTHERM, CRUCIBLE TYPE, 0'-8 1/2" DIA. X 1'-0" H.

### Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
- 3) EQUIPMENT NOS. 17, 18, AND 18A SHALL NOT BE OPERATED UNLESS THEY ARE VENTED TO AN AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS A VALID DISTRICT PERMIT.
- 4) THE TOTAL AMOUNT OF MATERIAL CHARGED TO THE EQUIPMENT NOS. 17, 18, AND 18A SHALL NOT EXCEED 6,000 POUNDS IN ANY ONE DAY.
- 5) THE OPERATOR SHALL MAINTAIN RECORDS IN A FORMAT APPROVED BY THE DISTRICT, TO DEMONSTRATE COMPLIANCE WITH CONDITION NO. 4. SUCH RECORDS SHALL BE RETAINED FOR A MINIMUM OF TWO YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.

ORIGINAL



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 East Copley Drive, Diamond Bar, CA 91765

## PERMIT TO OPERATE

page 2  
Permit No.  
F43392  
A/N 316620

### CONTINUATION OF PERMIT TO OPERATE

#### NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

*Dorris M. Bailey*

By Dorris M. Bailey/am01  
8/22/2001

ORIGINAL





#14 Roaster  
FURNACE

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 East Copley Drive, Diamond Bar, CA 91765

PERMIT TO CONSTRUCT/OPERATE

page 1  
Permit No.  
PT6012  
A/N 337742

This initial permit must be renewed ANNUALLY unless the equipment is moved or changes ownership.  
If the billing for annual renewal fee (Rule 301) is not received by the expiration date, contact the District.

LEGAL OWNER  
OR OPERATOR

DAVID L. KELLY CO INC  
6009 BANDINI BLVD  
COMMERCE, CA 90040

ID: 077891

12-03-92

Equipment Location: 6009 BANDINI BLVD, COMMERCE, CA 90040

Equipment Description:

FURNACE, PRECIOUS METAL RECLAMATION, CERTIFIED INCINERATOR, MODEL MCR 500, WITH ONE 500,000 BTU PER HOUR GAS-FIRED BURNER IN THE PRIMARY CHAMBER, AND ONE 750,000 BTU PER HOUR GAS-FIRED BURNER IN THE SECONDARY COMBUSTION CHAMBER.

Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
- 3) THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AN AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS A VALID DISTRICT PERMIT.
- 4) A TEMPERATURE OF NOT LESS THAN 1,400 DEGREES FAHRENHEIT BE MAINTAINED IN THE SECONDARY CHAMBER WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.
- 5) THE SECONDARY CHAMBER BURNER SHALL BE USED THROUGHOUT THE BURNING PERIOD.
- 6) THE TOTAL AMOUNT OF MATERIAL CHARGED TO THIS EQUIPMENT SHALL NOT EXCEED 500 POUNDS IN ANY ONE DAY.
- 7) THE OPERATOR SHALL MAINTAIN RECORDS IN A FORMAT APPROVED BY THE DISTRICT, TO DEMONSTRATE COMPLIANCE WITH CONDITION NUMBER 6. SUCH RECORDS SHALL BE RETAINED FOR AT LEAST TWO YEARS AND BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 East Copley Drive Diamond Bar, CA 91765

## PERMIT TO OPERATE

page 1  
Permit No  
F43396  
A/N 316622

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.  
If the billing for annual renewal fee (Rule 301 f) is not received by the expiration date, contact the District.

LEGAL OWNER  
OR OPERATOR:

DAVID H. FELL & CO INC  
6009 BANDINI BLVD  
COMMERCE, CA 90040

ID 077891

Equipment Location: 6009 BANDINI BLVD, COMMERCE, CA 90040

### Equipment Description:

METAL RECOVERY SYSTEM CONSISTING OF:

1. EQUIPMENT NO. 19, NATURAL GAS FURNACE, DHF, CRUCIBLE TYPE, MODEL #20, 350,000 BTU PER HOUR.

### Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
- 3) EQUIPMENT NO. 19 SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS A VALID DISTRICT PERMIT.
- 4) THE TOTAL AMOUNT OF MATERIAL CHARGED TO EQUIPMENT NOS. 19 AND 20 SHALL NOT EXCEED 260 POUNDS IN ANY ONE DAY.
- 5) THE OPERATOR SHALL MAINTAIN RECORDS IN A FORMAT APPROVED BY THE DISTRICT, TO DEMONSTRATE COMPLIANCE WITH CONDITION NO. 4. SUCH RECORDS SHALL BE RETAINED FOR A MINIMUM OF TWO YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.

### NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

ORIGINAL



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 East Copley Drive Diamond Bar, CA 91765

## PERMIT TO OPERATE

page 2  
Permit No.  
F43396  
A/N 316622

### CONTINUATION OF PERMIT TO OPERATE

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

*Dorris M. Bailey*

By Dorris M. Bailey/am01  
8/22/2001

ORIGINAL



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 East Copley Drive, Diamond Bar, CA 91765

## PERMIT TO OPERATE

page 1  
Permit No  
F43395  
A/N 316621

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.  
If the billing for annual renewal fee (Rule 301 f) is not received by the expiration date, contact the District.

LEGAL OWNER  
OR OPERATOR:

DAVID H FELL & CO INC  
6009 BANDINI BLVD  
COMMERCE, CA 90040

ID 077891

Equipment Location: 6009 BANDINI BLVD, COMMERCE, CA 90040

### Equipment Description:

PRECIOUS METAL RECOVERY SYSTEM CONSISTING OF:

1. EQUIPMENT NO. 20, NATURAL GAS FURNACE, DHF, CRUCIBLE TYPE, MODEL #20, 350,000 BTU PER HOUR.

### Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
- 3) EQUIPMENT NO. 20 SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS A VALID DISTRICT PERMIT.
- 4) THE TOTAL AMOUNT OF MATERIAL CHARGED TO EQUIPMENT NOS. 19 AND 20 SHALL NOT EXCEED 260 POUNDS IN ANY ONE DAY.
- 5) THE OPERATOR SHALL MAINTAIN RECORDS IN A FORMAT APPROVED BY THE DISTRICT, TO DEMONSTRATE COMPLIANCE WITH CONDITION NO. 4. SUCH RECORDS SHALL BE RETAINED FOR A MINIMUM OF TWO YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.

### NOTICE

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ORIGINAL



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 East Copley Drive, Diamond Bar, CA 91765

## PERMIT TO OPERATE

page 2  
Permit No  
F43395  
A/N 316621

### CONTINUATION OF PERMIT TO OPERATE

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

*Dorris M. Bailey*

By Dorris M. Bailey/am01  
8/22/2001

ORIGINAL



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 East Copley Drive, Diamond Bar, CA 91765

## PERMIT TO OPERATE

page 1  
Permit No  
F43397  
A/N 316623

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.  
If the billing for annual renewal fee (Rule 301 f) is not received by the expiration date, contact the District.

LEGAL OWNER  
OR OPERATOR:

DAVID H. FELL & CO INC  
6009 BANDINI BLVD  
COMMERCE, CA 90040

ID 077891

**Equipment Location:** 6009 BANDINI BLVD, COMMERCE, CA 90040

**Equipment Description:**

METAL RECOVERY SYSTEM CONSISTING OF:

1. EQUIPMENT NO. 25, INDUCTION FURNACE, INDUCTOTHERM, CRUCIBLE TYPE, MODEL 50, 35 LBS CAPACITY, 50 KW.
2. EQUIPMENT NO. 26, INDUCTION FURNACE, INDUCTOTHERM, MODEL 50, BOTTOM POUR, 35 LBS CAPACITY, 50 KW.

**Conditions:**

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
- 3) EQUIPMENT NOS. 25 AND 26 SHALL NOT BE OPERATED UNLESS THEY ARE VENTED TO AN AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS A VALID DISTRICT PERMIT.
- 4) THE TOTAL AMOUNT OF MATERIAL CHARGED TO EQUIPMENT NOS. 25 AND 26 SHALL NOT EXCEED 1,785 POUNDS IN ANY ONE DAY.
- 5) THE OPERATOR SHALL MAINTAIN RECORDS IN A FORMAT APPROVED BY THE DISTRICT, TO DEMONSTRATE COMPLIANCE WITH CONDITION NO. 4. SUCH RECORDS SHALL BE RETAINED FOR A MINIMUM OF TWO YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.

ORIGINAL



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 East Copley Drive, Diamond Bar, CA 91765

**PERMIT TO OPERATE**

page 2  
Permit No.  
F43397  
A/N 316623

CONTINUATION OF PERMIT TO OPERATE

NOTICE

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EXECUTIVE OFFICER

*Dorris M. Bailey*

By Dorris M. Bailey/am01  
8/22/2001

ORIGINAL



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 East Copley Drive, Diamond Bar, CA 91765

## PERMIT TO OPERATE

page 1  
Permit No  
F43398  
A/N 316624

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.  
If the billing for annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

LEGAL OWNER  
OR OPERATOR:

DAVID H. FELL & CO INC  
6009 BANDINI BLVD  
COMMERCE, CA 90040

ID 077891

**Equipment Location:** 6009 BANDINI BLVD, COMMERCE, CA 90040

**Equipment Description:**

PRECIOUS METAL RECOVERY SYSTEM CONSISTING OF:

1. EQUIPMENT NO. 27, INDUCTION FURNACE, INDUCTOTHERM, CRUCIBLE TYPE, MODEL 100, 120 LBS CAPACITY, 100 KW
2. EQUIPMENT NO. 28, HAND TILT INDUCTION FURNACE, INDUCTOTHERM, CRUCIBLE TYPE, 120 LBS CAPACITY, 100 KW
3. EQUIPMENT NO. 29, INDUCTION FURNACE, INDUCTOTHERM, CRUCIBLE TYPE, BOTTOM POUR, 120 LBS CAPACITY, 100 KW
4. EQUIPMENT NO. 30, VACUUM FURNACE, CONSOLIDATED VACUUM CORPORATION, 120 LBS CAPACITY, 100 KW

**Conditions:**

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES
- 3) EQUIPMENT NOS. 27, 28, 29, AND 30 SHALL NOT BE OPERATED UNLESS THEY ARE VENTED TO AN AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS A VALID DISTRICT PERMIT.
- 4) THE TOTAL AMOUNT OF MATERIAL CHARGED TO EQUIPMENT NOS. 27, 28, 29, AND 30 SHALL NOT EXCEED 2,212.5 POUNDS IN ANY ONE DAY

ORIGINAL





SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 East Copley Drive, Diamond Bar, CA 91765

## PERMIT TO OPERATE

page 2  
Permit No  
F43398  
A/N 316624

### CONTINUATION OF PERMIT TO OPERATE

- 5) THE OPERATOR SHALL MAINTAIN RECORDS IN A FORMAT APPROVED BY THE DISTRICT, TO DEMONSTRATE COMPLIANCE WITH CONDITION NO. 4. SUCH RECORDS SHALL BE RETAINED FOR A MINIMUM OF TWO YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.

### NOTICE

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EXECUTIVE OFFICER

*Dorris M. Bailey*

By Dorris M. Bailey/am01  
8/22/2001

ORIGINAL



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 East Copley Drive, Diamond Bar, CA 91765

## PERMIT TO OPERATE

page 1  
Permit No.  
F43399  
A/N 316625

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.  
If the billing for annual renewal fee (Rule 301 f) is not received by the expiration date, contact the District.

LEGAL OWNER  
OR OPERATOR:

DAVID H. FELL & CO INC  
6009 BANDINI BLVD  
COMMERCE, CA 90040

ID 077891

Equipment Location: 6009 BANDINI BLVD, COMMERCE, CA 90040

### Equipment Description:

PRECIOUS METAL RECOVERY SYSTEM CONSISTING OF:

1. EQUIPMENT NO. 31, CONTINUOUS CASTING FURNACE, ENENCAST, CRUCIBLE TYPE, MODEL MINI CASIER, ELECTRIC.

### Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
- 3) EQUIPMENT NO. 31 SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS A VALID DISTRICT PERMIT.
- 4) THE TOTAL AMOUNT OF MATERIAL CHARGED TO EQUIPMENT NO. 31 SHALL NOT EXCEED 22.5 POUNDS IN ANY ONE DAY.
- 5) THE OPERATOR SHALL MAINTAIN RECORDS IN A FORMAT APPROVED BY THE DISTRICT, TO DEMONSTRATE COMPLIANCE WITH CONDITION NO. 4. SUCH RECORDS SHALL BE RETAINED FOR A MINIMUM OF TWO YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.

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SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 East Copley Drive, Diamond Bar, CA 91765

## PERMIT TO OPERATE

page 2  
Permit No.  
F43399  
A/N 316625

### CONTINUATION OF PERMIT TO OPERATE

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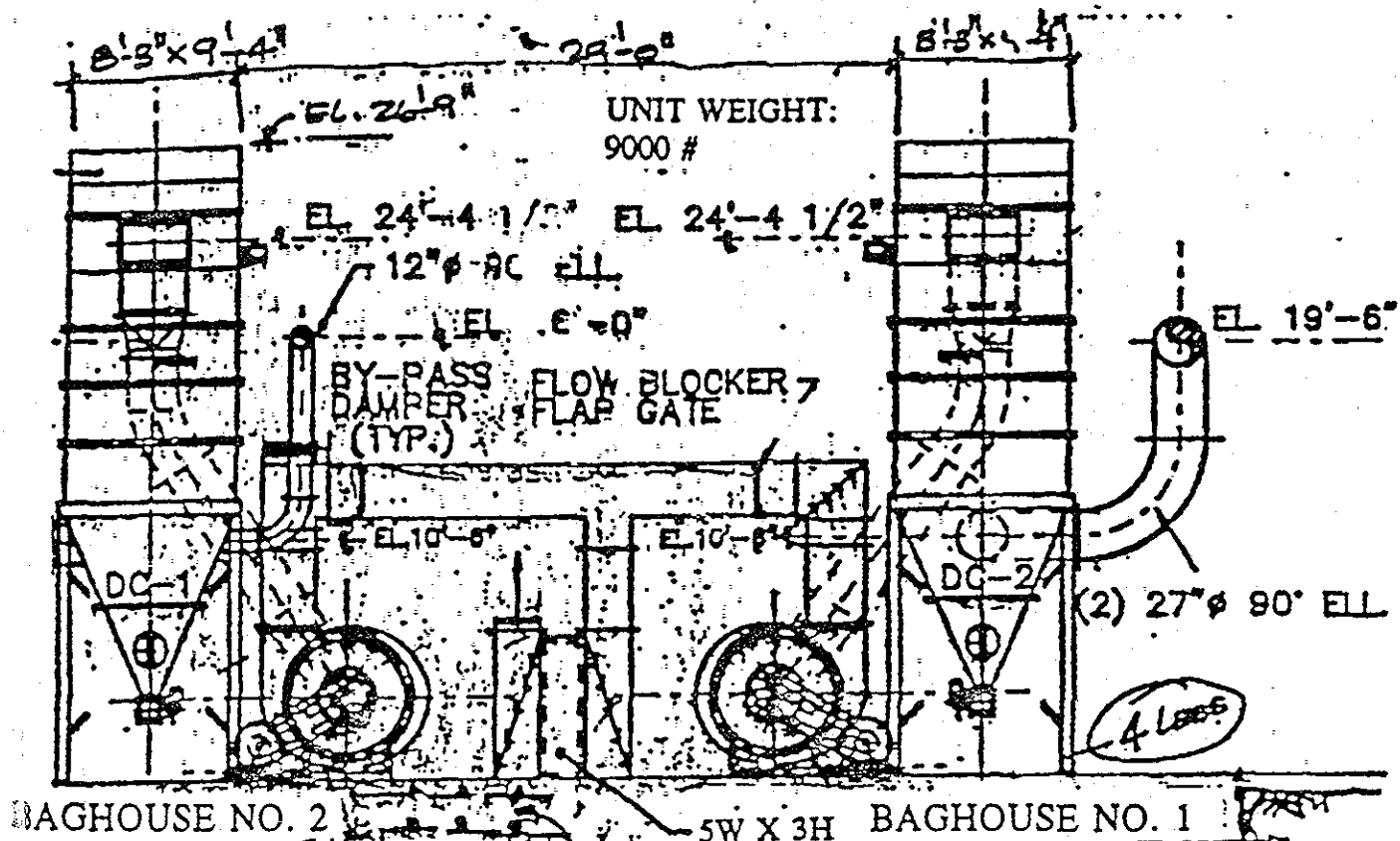
EXECUTIVE OFFICER

*Dorris M. Bailey*

By Dorris M. Bailey/am01  
8/22/2001

ORIGINAL

**SCHEMATIC DIAGRAM FOR BAGHOUSES**  
**DAVID H. FELL & COMPANY, INC.**  
 6009 BANDINI BLVD.  
 COMMERCE, CA 90048



|          |        |               |                            |
|----------|--------|---------------|----------------------------|
| WEIGHT:  | 2000 # | ANCHOR BOLTS: | FARR MAGNAMEDIA 100        |
| FAN:     | 520 #  | #8 @ 16" o/c  | H.E.P.A. FILTER 99.9% EFF. |
| MOTORS:  | 735 #  | EACH WAY      | RATED FOR 17250 CFM        |
| (60 Hp.) |        |               | WEIGHT: 3255 #             |
| TOTAL:   | 3255 # |               |                            |

**SECTION "A-A"**

LOOKING NORTH

24" THICK CONC. SLAB - 18" INTO GRADE

SIZES: 12' X 48' X 24" THICK - 2-CURTAINS - #8 @ 12" o/c E.W.

# CONTINGENCY PLAN

for

**David H. Fell & Co., Inc.**

6009 Bandini Blvd.  
Belt, CA 90040

(323) 722-9992

Facsimile:  
(323) 722-6567

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## **A. PURPOSE AND IMPLEMENTATION**

---

David H. Fell & Co., Inc. has prepared this Contingency Plan in an attempt to minimize hazards to human health or the environment from emergency situations. The provisions of this plan will be carried out immediately whenever there is an emergency that could threaten human health or the environment.

Facility personnel normally work throughout the entire facility.

Title 22 §66265.37 requires that an owner or operator who handles hazardous waste must attempt to make arrangements with local authorities to familiarize them with the properties of the hazardous waste handled and associated hazards; the layout of the facility, places where facility personnel would normally be working; and possible evacuation routes.

## **SECTION B: EMERGENCY COORDINATORS**

---

### **EMERGENCY COORDINATOR RESPONSIBILITIES**

At all times there must be at least one employee, either on the facility premises or on call, who has the responsibility and authority to coordinate all emergency response measures.

Each emergency coordinator must be thoroughly familiar with:

1. All aspects of the facility's emergency response plan
2. All operations and activities at the facility
3. The location and characteristics of materials/waste handled
4. The location of all emergency response documents within the facility
5. The facility layout

For a list of emergency coordinators, please see the "KEY PERSONNEL" page in the Appendix.



## NOTIFICATION PROCEDURES

1. Depending on the type of release, handlers of hazardous materials and waste are required to provide an immediate verbal report of any significant release or threatened release of a hazardous material or waste to:
  - a. "911" – if emergency response is needed
  - b. CUPA, Los Angeles County Fire Department – (323) 890-4000
  - c. Office of Emergency Services – (800) 852-7550 – this satisfies the state reporting requirement; obtain the OES control number when calling.
  - d. Los Angeles County, Department of Health Services – (626) 430-5100
  - e. National Response Center (800) 424-8802 or EPA "Spill Phone" – (415) 744-2000 – this satisfies federal reporting requirements
  - f. California Water Services – (323) 263-4145 – if the spill may affect sanitary or industrial wastewater systems, drains etc.
  - g. Regional Water Quality Control Board, Los Angeles Region – (213) 576-6600 – if the spill may affect storm drains or bodies of water (rivers, creeks, ponds, etc.)
  - h. South Coast Air Quality Management District – (909) 396-2000 – if the Air Quality Management District regulates the hazardous material (e.g., chemicals that evaporate or form clouds)

The Office of Emergency Services (OES) will notify agencies such as the State Emergency Planning Commission (SERC) (also known as the Chemical Emergency Planning & Response Commission [CEPRC]), the Fish & Game Department, and the Department of Toxic Substances Control (state level) as appropriate. However, companies with knowledge that the spill may have adverse effects on health or the environment should take the initiative to notify these other agencies because notification by the OES may be delayed. (The Department of Toxic Substances Control (state level) strongly recommends this.)

Example: Notification of the Fish & Game Department would be appropriate if a spill may contaminate a stream or lake.

2. Make the verbal report as soon as there is knowledge of the release, and when such reporting can be made without impeding immediate control of the release or emergency medical measures. The report should include:
  - a. Location of release
  - b. Name of person reporting release
  - c. Hazardous materials/waste involved in release
  - d. Quantity of material involved
  - e. Potential hazards present
3. The only defense for not reporting is a reasonable belief that the release or threatened release poses no significant present or potential hazard. This would be an extremely difficult matter to prove if the release in question was anything but trivial. Therefore, it is the policy of David H. Fell & Co., Inc. to report all spills, and possibly over-report rather than under-report.

#### Notification Procedures

1. If emergency assistance is needed, an emergency coordinator will call 911 as soon as possible. If emergency assistance is not needed, notify local fire and health departments after implementation of mitigation procedures.
2. Without impeding immediate control of the release or any emergency medical measures, notify all other agencies listed previously.
3. Within 15 days, give a written notification to the following agencies:
  - a. Hazardous Materials  
Office of Emergency Services  
P.O. Box 419047  
Rancho Cordova, CA 95741-9047
  - b. Department of Toxic Substances Control, Region 3  
Site Mitigation Branch  
1011 N. Grandview  
Glendale, CA 91201
  - c. Reports for specific incidents may need to be made to: The local fire department, local health department, local water pollution control authority, and/or South Coast Air Quality Management District.

4. The written report should include the following:
  - a. The control number received when verbal report was made
  - b. Name, address and telephone number of owner or operator
  - c. Name, address and telephone number of facility
  - d. Date, time and type of incident (i.e.: fire, earthquake, etc.)
  - e. Name and quantity of material involved
  - f. Extent of injuries, if any
  - g. Assessment of actual or potential hazards to human health or environment, where applicable
  - h. Estimated quantity of treated, stored, or disposed of recovered material that resulted from the incident
  
5. Report for a fire:
  - a. Exact location of fire
  - b. Your name and company name
  - c. Name of hazardous materials involved
  - d. Quantity of hazardous materials
  - e. Hazards of the material (from MSDS)

## SUMMARY OF VERBAL NOTIFICATION PROCEDURES

1. As soon as possible
  - ❖ Call 911
  - ❖ Call the Office of Emergency Services (OES) - (800) 852-7550
  - ❖ National Response Center - (800) 424-8802
  - ❖ Department of Toxic Substances Control, Region 3 -- (818) 551-2800
2. Report for a fire:
  - ❖ Exact location of fire
  - ❖ Your name and company name
  - ❖ The name of hazardous materials involved
  - ❖ The quantity of hazardous materials
  - ❖ The hazards of the material (from the MSDS)
3. Report for a spill:
  - ❖ Exact location of spill
  - ❖ Your name and the name of the company
  - ❖ The hazardous materials that have spilled
  - ❖ The quantity of hazardous materials
  - ❖ The hazards of the material (from the MSDS)

This summary page should be posted near telephones.

## UNAUTHORIZED DISCHARGE LOG

|   |       |
|---|-------|
| Date/Time   |       |
| Location  |       |
| Material or Waste   |       |
| Amount  |       |
| Injuries, If Any  |       |
| Cause   |       |
| Corrective Actions Taken  |       |
| Date/Time   |       |
| Method of Disposal  |       |
| Reportable Discharge                      No ____ Yes ____<br>If yes, see the Notification Procedures |       |
| Responsible Official  |       |
| Signature   | Title |

A reportable discharge is defined as any spilling, leaking, pouring, escaping, etc., that is not permitted or authorized by a regulatory agency.

The reporting is not required if there is reasonable belief that the discharge poses no significant threat or potential hazard to:

- ❖ Human health and safety
- ❖ Property
- ❖ Environment

This form is used to log spills, leaks, or other releases of hazardous materials or waste

# HAZARDOUS WASTE HANDLERS AT David H. Fell & Co., Inc.

---

As required by Title 22 CCR §66265.16, the following must be documented:

1. Job title and name of employee whose position is related to hazardous waste
2. Written job description for each position.
3. Written description of type and amount of training each position will be given.

David H. Fell & Co., Inc. provides the following information in fulfillment of the above regulation.

## §66265.16. Personnel Training.

- (a) (1) Facility personnel shall successfully complete a program of classroom instruction or on-the-job training that teaches them to perform their duties in a way that ensures the facility's compliance with the requirements of this chapter. The owner or operator shall ensure that this program includes all the elements described in the document required under subsection (d)(3) of this section
- (2) This program shall be directed by a person trained in hazardous waste management procedures, and shall include instruction which teaches facility personnel hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed
- (3) At a minimum, the training program shall be designed to ensure that facility personnel are able to respond effectively to emergencies by familiarizing them with emergency procedures, emergency equipment, and emergency systems, including where applicable:
  - (A) procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment;
  - (B) key parameters for automatic waste feed cut-off systems;
  - (C) communications or alarm systems;
  - (D) response to fires or explosions;
  - (E) response to ground-water contamination incidents; and
  - (F) shutdown of operations.
- (b) Facility personnel shall successfully complete the program required in subsection (a) of this section within six months after the date of their employment or assignment to a facility, or to a new position at a facility. Employees hired after the effective date of these regulations shall not work in unsupervised positions until they have completed the training requirements of subsection (a) of this section.
- (c) Facility personnel shall take part in an annual review of the initial training required in subsection (a) of this section.
- (d) The owner or operator shall maintain the following documents and records at the facility:
  - (1) the job title for each position at the facility related to hazardous waste management and the name of the employee filling each job;
  - (2) a written job description for each position listed under subsection (d)(1) of this section. This description may be consistent in its degree of specificity with descriptions for other similar positions in the same company location or bargaining unit, but shall include the requisite skill, education, or other qualifications, and duties of facility personnel assigned to each position;
  - (3) a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position listed under subsection (d)(1) of this section;
  - (4) records that document that the training or job experience required under subsections (a), (b), and (c) of this section has been given to, and completed by, facility personnel.
- (e) Training records on current personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. Personnel training records may accompany personnel transferred within the same company.

## JOB DESCRIPTIONS for Hazardous Waste Supervisors

Job Title: Hazardous Waste Supervisor

### Required Skills:

- ❖ Has knowledge of appropriate off-site treatment and disposal options
- ❖ Has Leadership qualities and the ability to supervise others in the handling of hazardous waste and related duties
- ❖ Has experience working with hazardous waste generating processes
- ❖ Able to demonstrate an understanding of the waste streams at David H. Fell & Co., Inc.
- ❖ Has a basic understanding of the physical and chemical properties of the waste stream(s) handled at David H. Fell & Co., Inc.
- ❖ Able to track treatment chemical use and reorder when necessary
- ❖ Supervises Hazardous Waste Operators
- ❖ Has specific skills and experience that includes:
  - Record keeping
  - Inspections
  - Safe handling of hazardous materials
  - Proper handling of containers
- ❖ Demonstrates the ability to manage the daily activities of the treatment operation

### Required Education or Qualifications:

- ❖ Has sufficient literacy skills to be able to read chemical names, labels and instructions
- ❖ Demonstrates a thorough knowledge of labeling and manifesting procedures
- ❖ Is familiar with the Emergency Response Plan
- ❖ Has successfully complete the following training courses:
  - Right to Know
  - Hazardous Waste Handlers
  - DOT Training for Safe Transportation of Hazardous Materials

#### **Duties/Areas of Responsibility:**

- ❖ Oversees applied waste treatment techniques required to maintain waste streams within regulatory limits
- ❖ Oversees hazardous waste operators
- ❖ Handles hazardous waste containers
- ❖ Ensures that proper labeling, manifesting, shipping, and receiving procedures are being implemented
- ❖ Maintains and implements inspection program
- ❖ Reviews and signs the manifests
- ❖ Conducts regular inspections
- ❖ Operates treatment system and maintains all associated equipment in proper working condition
- ❖ Ensures that personal protective equipment is properly selected and used by employees
- ❖ Is thoroughly familiar with the Emergency Response Plan and is able to appropriately respond to any fire, release, etc.
- ❖ Prepares and maintains necessary records required by law to operate the waste treatment process including:
  - Biennial Report
  - Hazardous Waste Taxes and Fees
  - Inspection records
  - Labeling
  - Manifests
  - Monitoring records
  - Spill/Release Reports
  - Test results/analyses
  - Training records
  - Waste treatment records (type and quantity of waste)



## **JOB DESCRIPTIONS for Hazardous Waste Handlers**

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**Job Title:** Hazardous Waste Handler

### **Required Skills:**

- ❖ Ability to perform chemical and/or physical waste treatment techniques
- ❖ Knowledge of correct waste labeling, shipping, and manifesting procedures
- ❖ Experience working with waste generating processes
- ❖ Able to demonstrate an understanding of the waste streams at David H. Fell & Co., Inc.
- ❖ Have a basic understanding of the physical and chemical properties of the waste stream(s) handled at David H. Fell & Co., Inc.
- ❖ Inspections and record keeping
- ❖ Safe handling of hazardous materials
- ❖ Proper handling of containers
- ❖ Have specific skills and experience that include:
- ❖ Operating treatment equipment

### **Required Education or Qualifications:**

- ❖ Successfully complete the following training courses:
  - Right to Know
  - Hazardous Waste Handlers
- ❖ Sufficient literacy skills (to be able to read chemical names, to properly complete hazardous waste manifests)
- ❖ Demonstrate a working knowledge of labeling and manifesting procedures
- ❖ Be familiar with the Emergency Response Plan

### **Duties/Areas of Responsibility:**

- ❖ Handle hazardous waste containers
- ❖ Use proper labeling, manifesting, shipping, and receiving procedures
- ❖ Be familiar with inspection program at David H. Fell & Co., Inc.
- ❖ Properly select and use personal protective equipment
- ❖ Be familiar with the Emergency Response Plan
- ❖ Be familiar with record keeping procedures associated with the handling of hazardous waste including labeling and manifesting

## **SECTION C:    EMERGENCY PROCEDURES**

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Emergency response plans and procedures have been developed to use in the event of a release or threatened release of a hazardous material or waste.

Updates to these procedures will be made whenever:

1.    Emergency coordinators change
2.    Emergency equipment changes
3.    Facility changes
4.    Regulations are revised
5.    Plan fails in an emergency

## BODY CONTACT WITH CHEMICALS

---

1. In the event of skin or eye contact with ANY chemical, flood exposed area immediately with cool water for at least 15 minutes.
  - A. Remove contaminated clothing and wash them before putting them back on.
2. Report all industrial injuries to an emergency coordinator immediately.
3. Depending on the severity of a chemical burn, it may be necessary to get prompt medical attention.
  - A. If a chemical burn is severe, get immediate medical attention and have the Material Safety Data Sheet for the chemical(s), which caused the burn readily available. The Material Safety Data Sheet(s) may be needed by a physician to determine the best method to handle that particular incident.
  - B. Be sure to have all copies of Material Safety Data Sheets available for such an emergency.

## GAS LEAKAGE

---

1. In the event of a toxic fume, vapor, or mist leak; evacuate the surrounding area and call an emergency coordinator.
  - A. In the event of a gas leak, smoking is not permitted. Employees should not engage in any activities, which may create sparks
  - B. Discourage any employee from looking for the source of the gas leakage. Call the local fire department.
2. Remove any exposed individual to fresh air and seek prompt medical attention.
  - A. Use self-contained breathing apparatus (SCBA) only if properly trained to respond to potentially dangerous gas leaks and to wear SCBA equipment.

## **SPILL**

---

1. In the event of a hazardous material spill, hazardous waste spill, or hazardous gas release, the personnel at the spill location must immediately report it to one of the emergency coordinators in the facility. An emergency coordinator will assess the magnitude and nature of the spill, and if appropriate, take necessary actions of notifying other potentially affected employees and reporting it to the relevant local and state authorities.
2. Without delay, others in the affected spill area should act promptly to contain the spill and begin the cleanup process. The spill cleanup procedure is as follows:
  - A. Identify the source of the spill (a leaking vessel, container, gas line, or an over-turned container, etc.) and the cause of the spill so that appropriate corrective action can be taken.
  - B. Remove all sources of ignition from the spill area to avoid escalating the problem.
  - C. Ventilate the area by opening doors to the outside, windows and turning on any available portable fans to push the contaminated air out.
  - D. Clear the area of other objects and sources of additional hazardous material and wastes.
  - E. Prevent the spill from spreading or going down any drains if possible. Surround the drains with spill absorbent material as necessary. Locations of drains are listed in the Appendix, under Site-Specific Information.

- F. Wear appropriate protective clothing and equipment when cleaning up a spill. Avoid contact with skin and avoid breathing the fumes. For a list of clothing and equipment that should be used when dealing with hazardous materials and wastes, see the "Spill and Safety Equipment" page.
- G. Inert absorbent material should first be sprinkled around the spill to surround it and prevent it from spreading. Then the spill absorbent material should be sprinkled over the entire spill until it is covered and looks dry.  
For locations of absorbent material, please refer to Section C, "Spill and Safety Equipment".
- H. Under the direction of an emergency coordinator, sweep up absorbent material and dispose in a drum for waste disposal.
- I. Authorized personnel will perform the following:
  - 1. Store the drum in a safe, secure location such that the public does not become exposed; away from air conditioning intake points and lanes of traffic. Keep away from sources of ignition. Affix properly filled out waste labels to drums and place the drums in the Hazardous Waste Storage Area.
  - 2. Call a qualified chemical disposal company to remove the drum to a disposal site meeting RCRA, 49 CFR, California Title 22 regulations, etc.
  - 3. Fill out required internal reports and take appropriate corrective action to eliminate such a hazard from occurring in the future.
  - 4. If the spill is reportable, an emergency coordinator will refer to the Notification Procedures.

## UNPLANNED RELEASE OF HAZARDOUS MATERIALS/WASTE

1. In the event of a hazardous material, hazardous waste, or hazardous gas release to air, soil, or surface water, the personnel at the location must immediately report the release to one of the emergency coordinators in the facility. The emergency coordinator will assess the magnitude and nature of the release, and immediately take necessary actions of notifying other potentially affected employees and reporting it to the relevant local and state authorities for possible evacuation of the surrounding areas.
2. Without delay, others in the affected area should act promptly to contain the release.
3. The emergency coordinator(s) will perform the following:
  - A. Attempt to identify the source of the release (a leaking vessel, container, gas line, or an over-turned container, etc.) and the cause of the release so that appropriate corrective action can be taken.
  - B. Remove all sources of ignition from the area to avoid escalating the problem.
  - C. Clear the area of other objects and sources of additional hazardous materials and wastes.
  - D. Wear appropriate protective clothing and equipment when cleaning up a spill. Avoid contact with skin and avoid breathing the fumes. For a list of clothing and equipment that should be used when dealing with hazardous materials and wastes, see the "Spill and Safety Equipment" page in the Appendix.

Procedures for release to air:

- A. In addition to notifying the local and state authorities for possible evacuation of the surrounding area, the emergency coordinator(s) will notify the regional air quality management district.
- B. The emergency coordinator will make every effort to prevent further release (closing a valve, ceasing operation, etc.) or exposure of employees and the public.



Procedures for release to soil:

- A. Attempt to isolate and restrict work activities in the affected area so as to reduce the possibility of further contamination.
- B. Notify the owner or operator of the facility.
- C. If possible, the emergency coordinators should perform the following activities:
  - 1. Identify hazardous materials or wastes involved so that appropriate corrective action can be taken.
  - 2. Remove sources of ignition.
  - 3. Attempt to prevent the release from spreading by surrounding the release with inert absorbent material. Then the absorbent material should be sprinkled over the entire affected area until it is covered and looks dry.  
For locations of absorbent material, please refer to Section C, "Spill and Safety Equipment".
  - 4. Scoop up absorbent material and affected top soil and place in a drum for waste disposal.
  - 5. Store the drum in a safe, secure location such that the public does not become exposed; away from air conditioning intake points and lanes of traffic. Keep away from sources of ignition. Affix a properly filled out waste label to the drum and place the drum in the Hazardous Waste Storage Area.
  - 6. Call a qualified chemical disposal company to remove the drum to a disposal site meeting RCRA, 49 CFR, California Title 22 regulations, etc.
  - 7. Fill out required internal reports and take appropriate corrective action to eliminate such a hazard from occurring in the future.
- D. The owner or operator of the facility will conduct a preliminary site assessment to determine the existence, source, nature, and extent of the release.
- E. If contamination is found, a more detailed environmental investigation must be conducted. The appropriate steps will be taken to notify the local and/or state health department.

**EMERGENCY COORDINATORS AND EMPLOYEES SHOULD NOT ATTEMPT TO FURTHER INVESTIGATE OR  
REMEDiate THE AFFECTED SITE IN ANY WAY!!**

Procedures for release to surface water:

- A. Make every effort to prevent further release (closing a valve, ceasing operation, etc.) or exposure of employees and the public.
- B. If possible, attempt to prevent spread of the material or waste in the surface water using absorbent pigs or booms.
- C. In addition to notifying the local and state authorities for possible evacuation of the surrounding area, the emergency coordinator(s) will immediately notify the local water district, Regional Water Quality Control Board, and the Fish and Game Department.

**EMERGENCY COORDINATORS AND EMPLOYEES SHOULD NOT ATTEMPT TO FURTHER INVESTIGATE OR  
REMEDiate THE AFFECTED SITE IN ANY WAY!!**

### Groundwater Contamination Incident:

\*Note: Groundwater contamination may result from any release that is not completely contained in a secondary containment system or when the secondary containment system is cracked, damaged, leaking, etc. in any way.

1. In the event of suspected groundwater contamination, immediately report it to an emergency coordinator, and inform other employees nearby to move away from the hazard area.
2. Attempt to isolate and restrict work activities in the affected area so as to reduce the possibility of further contamination.
3. An emergency coordinator will then notify the owner or operator of the facility.
4. The owner or operator of the facility will conduct a preliminary site assessment to determine the existence, source, nature, and extent of the release.
5. If contamination is found, a more detailed environmental investigation must be conducted and the appropriate steps taken to notify the local and/or state health department.
6. If possible the emergency coordinators should perform the following activities:
  - A. Identify hazardous materials involved so that appropriate corrective action can be taken.
  - B. Remove sources of ignition.
  - C. Prevent the spread of other hazardous materials.

**EMERGENCY COORDINATORS AND EMPLOYEES SHOULD NOT ATTEMPT TO FURTHER INVESTIGATE OR  
REMEDiate THE AFFECTED SITE IN ANY WAY!!**

## **EXPLOSION**

---

1. In the event of an explosion, immediately report it to an emergency coordinator, and inform other employees nearby to move away from the hazard area.
2. An emergency coordinator will then call the fire department for assistance and give an order to evacuate.
3. When evacuating, close all doors and attempt to isolate the area.
4. If possible the emergency coordinators should perform the following activities:
  - A. Identify hazardous materials involved so that appropriate corrective action can be taken.
  - B. Remove sources of ignition.
  - C. Prevent the spread of other hazardous materials.

**DO NOT ATTEMPT TO FIGHT FIRES THAT RESULT FROM AN EXPLOSION!!  
THERE IS A POSSIBILITY OF MORE EXPLOSIONS IN THE AREA.**

## FIRE

---

- 1 In the event of a small fire, employees may attempt to put out the fire with available fire extinguishers. DO NOT USE WATER!!!
- 2 Notify all employees and the supervisor immediately. The supervisor will report it to an emergency coordinator in the facility. An emergency coordinator will then call the fire department if necessary. The items that the fire department will be asking for are:
  - ❖ Exact location of fire
  - ❖ Your name and company name
  - ❖ The types of hazardous materials involved
  - ❖ The quantity of hazardous materials
  - ❖ The hazards of the material (from the MSDS)
- 3 Check to make sure the fire extinguisher is the proper class for the type of fire and that no one is behind the fire. Remove the fire extinguisher from the wall, pull the pin, aim at the base of the flames and spray the fire with a sweeping motion.
- 4 For fire extinguisher locations, please refer to the Spill and Safety Equipment Page in the Appendix.

## FIRE

There are different methods of putting fires out for different types of fires. For example, water would not be used to put out an oil fire because oil and water do not mix and the water would only spread the oil and fire. The following is a list of the different types or classes of fires and the corresponding fire extinguishers.

| TYPES OF FIRES   | TYPES OF EXTINGUISHERS                                    |
|--|---|
| CLASS A: Ordinary paper or wood fires                    | Water or CLASS A extinguisher                             |
| CLASS B: flammable liquids<br>(oils, gasoline, solvents) | CLASS B extinguisher<br>(CO <sub>2</sub> or dry chemical) |
| CLASS C: electrical equipment                            | CLASS C extinguisher                                      |
| CLASS D: combustible metals<br>(Li, Mg, Ti, Zn, Na, K)   | CLASS D extinguisher                                      |

Halon fire extinguishers have a class rating of ABC. They put out fires by interrupting the chemical reaction which is necessary for a fire to continue burning. Halon fire extinguishers are preferable when computers and other sensitive equipment are in the area because these extinguishers do not leave a powdery chemical residue. Fire sites which have been extinguished using Halon have a potential for re-igniting when the Halon dissipates. To prevent re-ignition, ensure all power supplies are turned off.

## **EARTHQUAKE**

---

### **Earthquake Preparedness:**

1. Know the area
  - A. Know the safe spots in each room: under sturdy tables, desks, or against inside walls.
  - B. Know the dangerous spots: windows, mirrors, hanging objects, tall, unsecured furniture, or other objects.
  - C. Know how to shut off gas, water, and electricity in case lines are damaged (refer to the Organizational Chart at the end of Section A).
2. Secure Objects
  - A. Secure all gas cylinders, tall furniture or objects such as bookcases, cabinets, etc. Any toppled water heater, gas or electric, is a fire hazard and therefore should be strapped to the wall.
  - B. Keep breakables and heavy objects on bottom shelves.
  - C. Put latches on cabinet doors to keep them closed during an earthquake.
  - D. Keep all chemicals, especially flammables, in cabinets, secured on lower shelves, or on the floor.
3. Equipment Inventory
  - A. Have handy a flashlight, a portable battery-operated radio, extra batteries, medicines, and first aid kits.

### **During the Earthquake - WAIT IT OUT SAFELY**

1. As soon as possible, evacuate the building and report to the evacuation meeting point.
2. Employees who are near exits will evacuate the building and will report to an emergency coordinator at the evacuation meeting point.
3. Employees who are within the facility will get under a desk or table, or stand under a door frame or in a corner. Keep away from all chemicals and tanks.
4. If you are outdoors, get into an open area away from trees, buildings, walls, and power lines.
5. Stay calm, do not rush for the doors because you may knock down a fellow employee.

## EARTHQUAKE

---

### After the Earthquake:

1. Emergency coordinators will check the area; employees will meet at the evacuation meeting point.
  - A. Check for injuries. Apply first aid. Do not move seriously injured individuals unless they are in immediate danger.
  - B. Clean up any spilled materials.
  - C. Check for gas and water leaks, broken electrical wiring or sewage lines. If there is damage, turn utility off at the source. Check building for cracks and damage, including roof and foundation.
2. Common Sense
  - A. Do not use the telephone unless there is a serious injury or fire.
  - B. Do not use the water. It may be contaminated. Emergency water may be obtained from water heaters, melted ice cubes and toilet tanks. Do not eat or drink anything from open containers.
  - C. Do not use your vehicle unless there is an emergency. Keep the streets clear for emergency vehicles.
3. Final Points
  - A. Turn on your portable radio (car radio) for damage reports, information, emergency service directions or instructions and news reports. Cooperate fully with public safety officials.
  - B. Be prepared for aftershocks.
  - C. Stay calm and lend a hand to others.



## **FLOOD**

---

### **Before the Flood:**

1. Keep on hand materials like sandbags, plywood, plastic sheeting and lumber to protect buildings from flood water and to make quick repairs after a severe storm.
2. Keep a portable, battery-operated radio, flashlights and first aid supplies on hand and in working order.
3. Secure equipment that may be swept away by a flood.

### **During or after heavy rains:**

1. An emergency coordinator shall be assigned to keep periodic watch for possibility of flooding and to listen to the radio for information and instructions from local government and emergency managers.
2. If anyone sees any possibility of a flood or flash flood occurring, immediately notify an emergency coordinator. The emergency coordinator will assess the possibility of a flood or flash flood, and if appropriate, take necessary actions of notifying all employees.

### **If local authorities release flood warnings:**

1. If time permits, the emergency coordinators will supervise the performance of the following duties:
  - A. Put sandbags or other protection in place, based on anticipated flood depths.
  - B. Move hazardous materials/wastes up onto shelves and/or surround with sandbags.
  - C. Put additional sandbags around openings of any underground sumps and/or seal with lids.
  - D. Shut off boilers and wastewater treatment system.
  - E. Secure computers, business records and other critical equipment.
  - F. Grease immovable equipment.
2. Turn off utilities at the main switches. Disconnect electrical equipment, but do not touch any electrical equipment if you are wet or standing in water.

### During the flood:

1. Notify appropriate local authorities of the flood at your facility and probable evacuation. The numbers for the following agencies can be found in Section A, under the heading, "Reference Telephone Numbers "
  - A. Local OES
  - B. Local Health Department
  - C. Local municipal utilities district (within 24 hours)
  - D. In case of release of hazardous materials/waste into the flood waters, see the Notification Procedures page in Section A of this Contingency Plan.
2. At the order of an emergency coordinator, all employees will begin evacuation procedures to higher ground.
3. Evacuate early enough to avoid being marooned by flooded roads.
4. Do not attempt to cross a flowing stream on foot. Under no circumstances should anyone try to swim or dive into the water. The currents can be deadly!
5. Do not attempt to drive over a flooded road - you can be stranded and trapped. If your car stalls in a flooded area, abandon it! You and your car could be swept away.
6. Stay away from natural streams or other flooded areas. Follow recommended evacuation routes; do not try to find shortcuts; be alert for washed-out roadways.

**After the flood:**

1. Do not visit the flooded facility, unless authorized to do so.
2. Do not consume food that has come into contact with flood waters; drinking water may also be contaminated, check with authorities.
3. When access to the facility is authorized:
  - A. Do not handle electrical equipment until it is checked and dried by an qualified individual
  - B. Use flashlights, not gas lanterns or torches, to examine buildings.
  - C. Report broken utility lines to appropriate authorities
4. Clean-up and recovery
  - A. Assess the release of hazardous materials/waste into flood water if any, and begin clean-up procedures using proper personal protective equipment.
  - B. Recommended equipment to have on hand for a flood situation is as follows:
    1. Pump Units
    2. Forklifts
    3. Shovels, overpak drums, absorbent material and extra drums.

## REPORTING EMERGENCY SITUATIONS

1. Notify an emergency coordinator.
2. State the location and nature of the emergency and what type of assistance is needed.
3. If emergency warrants evacuation of the building, an emergency coordinator will make an announcement to that effect over the building PA system and evacuation procedures shall be followed by all personnel.
4. An emergency coordinator will dial "911" to secure assistance from trained emergency personnel.
5. If, for any reason, you are unable to contact an emergency coordinator on duty, make an evacuation announcement over the PA system if necessary. Then dial "911" and report the nature of the emergency and assistance required to the emergency services department.

## EVACUATION PROCEDURES

---

1. Should an evacuation be required, the order to evacuate will be given by one of the emergency coordinators.  
For a list of emergency coordinators, please see the "KEY PERSONNEL" page in the Appendix.
2. Employees will immediately cease operations and proceed to the nearest exit.
3. All employees will meet at the Evacuation Meeting Point and report to the supervisor. The emergency coordinators will take an employee count using the management chain. All employees unaccounted for should be found by the fire department - DO NOT ENTER THE BUILDING. The evacuation meeting point is listed in the Appendix.
4. If at any time employees are injured by a spill or a fire, report it to one of the emergency coordinators. The emergency coordinator (or an ambulance) will transport those employees to the closest medical facility listed in the Appendix.

If the injury is chemically related, a copy of the appropriate Material Safety Data Sheet should accompany the injured person to the hospital.

5. Do not re-enter until it has been determined that it is safe to do so by one of the Emergency Coordinators. (For a list of Emergency Coordinators, please see the "KEY PERSONNEL" form in the Appendix.)

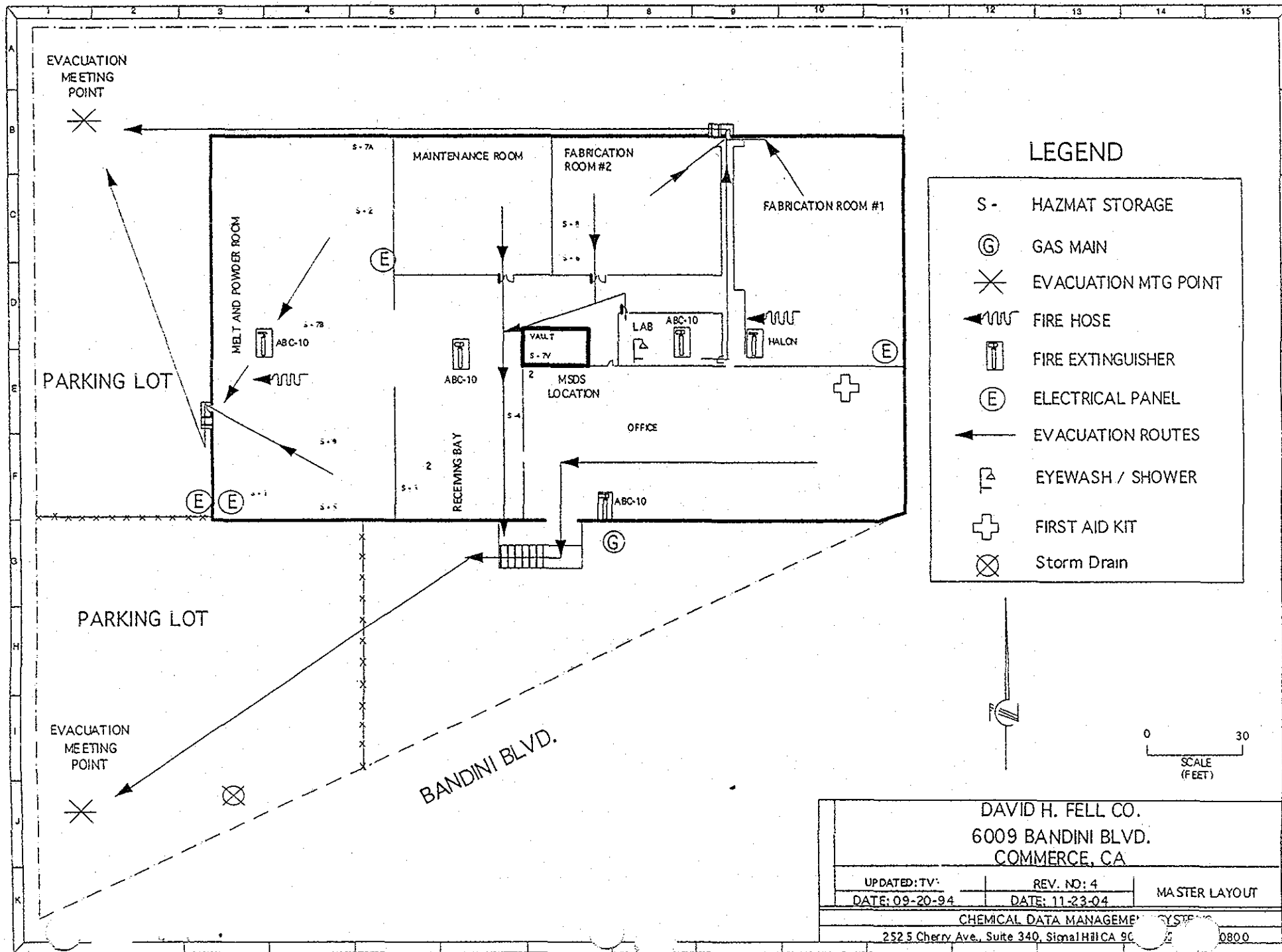
## **SECTION D:    DRAWINGS**

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Drawings included in this section:

Facility Map

Vicinity Map



## LEGEND

- S - HAZMAT STORAGE
- ⊙ GAS MAIN
- ✕ EVACUATION MTG POINT
- ← FIRE HOSE
- 🔥 FIRE EXTINGUISHER
- ⓔ ELECTRICAL PANEL
- ← EVACUATION ROUTES
- 🚿 EYEWASH / SHOWER
- ⊕ FIRST AID KIT
- ⊗ Storm Drain

DAVID H. FELL CO.  
6009 BANDINI BLVD.  
COMMERCE, CA

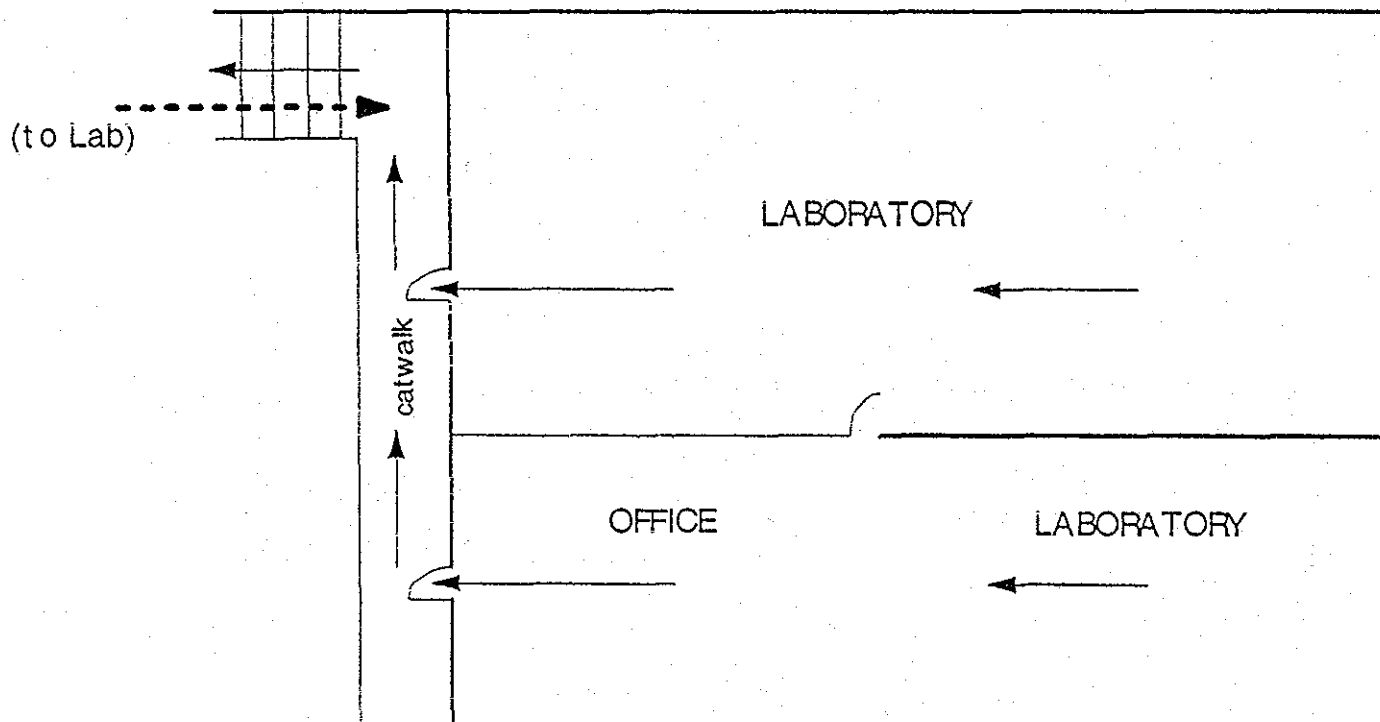
UPDATED: TV:  
DATE: 09-20-94

REV. NO: 4  
DATE: 11-23-04


MASTER LAYOUT


CHEMICAL DATA MANAGEMENT SYSTEM

2525 Cherry Ave., Suite 340, Signal Hill, CA 90801 0800



# LEGEND

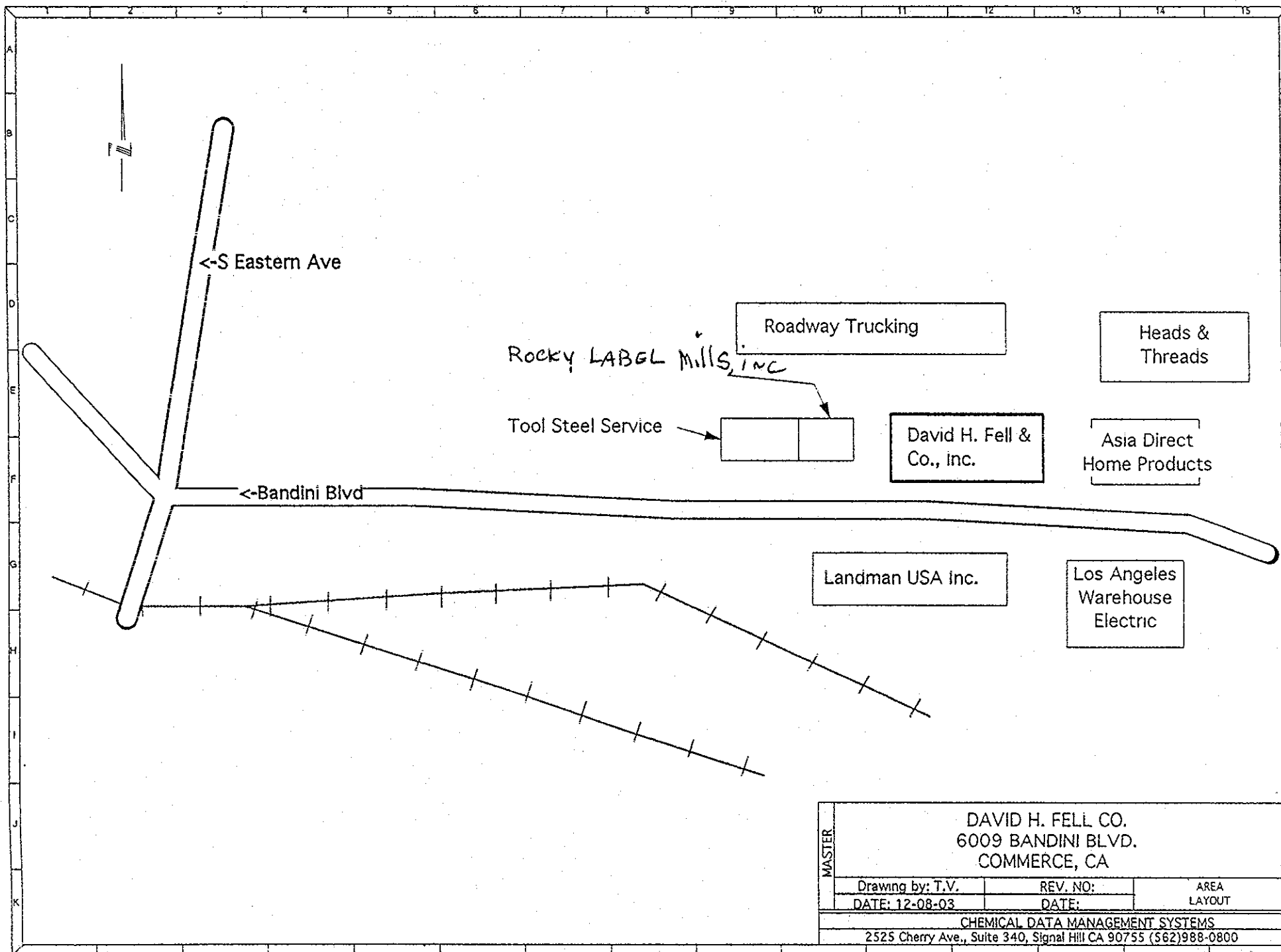
Evacuation Route 

Direction to Lab 



|   |                    |          |            |
|---|--------------------|----------|------------|
| Laboratory  | DAVID H. FELL CO.  |          |            |
|   | 6009 BANDINI BLVD. |          |            |
|   | COMMERCE, CA       |          |            |
|   | Drawing by: C.Y.   | REV. NO. | LABORATORY |
| DATE 09-30-02   | DATE               |          |            |
| CHEMICAL DATA MANAGEMENT SYSTEM                             |                    |          |            |
| 11750 DUBLIN BLVD., STE 201 DUBLIN, CA 94568 (510) 300-3000 |                    |          |            |





|        |   |          |        |
|--------|---|----------|--------|
| MASTER | DAVID H. FELL CO.<br>6009 BANDINI BLVD.<br>COMMERCE, CA   |          |        |
|        | Drawing by: T.V.  | REV. NO: | AREA   |
|        | DATE: 12-08-03  | DATE:    | LAYOUT |
|        | CHEMICAL DATA MANAGEMENT SYSTEMS<br>2525 Cherry Ave., Suite 340, Signal Hill CA 90755 (562)988-0800 |          |        |

## **APPENDIX**

---

Key Personnel At David H. Fell & Co., Inc.

Emergency Personnel Acknowledgment

Site-Specific Information

Spill and Safety Equipment

Agency Contacts

Reference Telephone Numbers

## KEY PERSONNEL AT David H. Fell & Co., Inc.

### PRIMARY EMERGENCY COORDINATOR

| Name      | Title                 | Tasks | Home Phone     |
|-----------|-----------------------|-------|----------------|
| Max Raffi | Environmental Manager | 1-13  | (714) 997-0614 |

### ALTERNATE EMERGENCY COORDINATORS

| Name       | Title     | Tasks | Home Phone     |
|------------|-----------|-------|----------------|
| Larry Fell | President | 1-13  | (562) 595-4248 |

### TASKS:

|   |  |
|---|--|
| 1. Approve an Evacuation                | 8. Check for spills in Chemical Storage Areas      |
| 2. Call Fire Department and Direct Them | 9. Check for spills in Waste Storage Areas         |
| 3. Utility Shut-off                     | 10. Spill Clean-up Procedures                      |
| 4. Close All Valves                     | 11. Inventory Placement and Separation             |
| 5. Close Doors After Everyone is Out    | 12. Manage Evacuation Point, Take Attendance       |
| 6. Seal Storm Drains                    | 13. Provide Information to Media, Public Relations |
| 7. Check for spills in Process Area(s)  |  |

### Principals

Larry Fell, President

### Safety Manager

Max Raffi

### Hazardous Material Handlers

Leoni Armendariz, Hazardous Waste Operator

Kenneth Babayan,

Elbert Sanchez

Pedro Chavez

Delfino Guerrero

Luis Vasquez

Brian Schmidt

Shah Singh, Hazardous Waste Operator

**Hazardous Waste Handlers  
and Dates of Hire**

Leoni Armendariz, Hazardous Waste Operator  
Delfino Guerrero, Hazardous Waste Operator  
Elbert Sanchez, Hazardous Waste Operator  
Pedro Chavez, Hazardous Waste Operator  
Luis Vasquez, Hazardous Waste Operator

**Waste Supervisor  
and Date of Hire**

Max Rafii, Environmental Manager

## Emergency Personnel Acknowledgement Info

Please contact the project manager listed in envirostor for info on this page

## SITE-SPECIFIC INFORMATION

### Company Profile

General description of work done at David H. Fell & Co., Inc.:

David H. Fell & Co., Inc. melts and refines precious metals, including gold, silver, platinum and palladium. David H. Fell & Co., Inc. also manufactures precious metal products, such as alloys, casting grain, sheet, wire, tubing, discs, solders, and pattern sheets.

David H. Fell & Co., Inc. generates the following hazardous wastes:

- ❖ Inorganic Acid or Alkaline Wastes from the laboratory processes
- ❖ Lead (cuples, crucibles) from melting in the laboratory
- ❖ Slag, sweeps (containing metals) from precious metals refining

David H. Fell & Co., Inc. refines the following hazardous wastes:

Jewelry sweeps containining:

- ❖ Precious metal scrap
- ❖ Nickel
- ❖ Zinc
- ❖ Silver

These wastes have the following hazardous characteristics:

- ❖ Corrosive
- ❖ Toxic

### **Floor and Storm Drains**

1. There are no floor drains within the facility.
2. Immediately check the storm drain located in parking lot, at the southwest end near the driveway

**Evacuation Meeting Point:** Southwest corner of the parking lot  
Northwest corner of the parking lot

The all-clear signal to reenter the facility is given by a verbal announcement from an Emergency Coordinator.

### **Local Medical Facilities**

#### **For major and minor injuries:**

US Health Works Medical Group  
3430 S. Garfield Ave.  
Commerce, CA 90040  
(323) 722-8481

## SPILL AND SAFETY EQUIPMENT

David H. Fell & Co., Inc. provides the following for employee personal protection:

| Equipment Type  | Locations *                                   | Description   |
|---|---|---|
| <i>Personal Protective Equipment, Safety Equipment, and First Aid Equipment</i> |   |   |
| Cartridge Respirators   | Facility                                      | assigned to each person   |
| Chemical Monitoring Equipment   | LAB, ICP, X-ray                               | pH - measuring device   |
| Chemical Protective Aprons/Coats  | Facility                                      | assigned to each person   |
| Chemical Protective Boots   | Facility                                      | assigned to each person   |
| Chemical Protective Gloves  | Facility                                      | assigned to each person   |
| Chemical Protective Suits   | Facility                                      | assigned to each person   |
| Face Shields  | Fab #2 room                                   |   |
| First Aid Kits/Stations   | Lunch Room,<br>Fabrication Room,<br>Melt Room |   |
| Hard Hats   | Facility                                      | assigned to each person   |
| Plumbed Eye Wash Stations   | FAB Rm #1 and<br>#2, Lab, Melt Rm             |   |
| Respirator Cartridges   | Facility                                      | assigned to each person<br>Also avail at front desk and entry to melt<br>room & FAB.  |
| Other   | Fab Room #2 lab                               | earplugs, assigned to each person<br>welding masks in fabrication room #2<br>air pack located in the lab<br>fire blanket located in melt room |
| <i>Fire Extinguishing Systems</i>   |   |   |
| Automatic Fire Sprinkler Systems  | Entire facility                               |   |
| Fire Alarm Boxes/Stations   | throughout                                    | Part of sprinkler system (ADT)  |
| Other   | throughout facility                           | ABC, and Halon fire extinguishers   |
| <i>Spill Control Equipment and Decontamination Equipment</i>                    |   |   |
| Absorbents  | Lab, Melt Rm,<br>Maintenance                  | Sawdust   |
| Berms/Dikes   | FAB#2, LAB                                    | Secondary containment   |
| Exhaust Hoods   | Lab, Melt Room,<br>FAB Rm #2                  |   |
| Neutralizers  | throughout                                    | Soda Ash - sawdust  |
| <i>Communications and Alarm Systems</i>   |   |   |
| Intercoms/ PA Systems   | throughout                                    |   |
| Telephones  | throughout                                    |   |

\* Locations are listed by map and grid numbers. Refer to the maps in the next section.

Emergency safety and spill equipment is inspected monthly and maintained as required. Fire extinguishers are inspected once a month and are recharged yearly by an outside company. Personal protective equipment (gloves, goggles, etc.) is replaced by the individual frequently throughout each work day.



**AGENCY CONTACTS**

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**CUPA, LOCAL ERT, FIRE  
DEPARTMENT**

Los Angeles County Fire Department  
Health Hazardous Materials Division  
5825 Rickenbacker Road  
Commerce, CA 90040  
Attn: Data Operations  
(323) 890-4045

**HEALTH DEPARTMENT**

Los Angeles County, Department of  
Health Services  
Environmental Health  
5050 Commerce Drive  
Baldwin Park, California 91706  
(626) 430-5200

**POLICE DEPARTMENT**

East Los Angeles Sheriff's Department  
5019 East Third Street  
East Los Angeles, CA 90022  
(323) 264-4151

**LOCAL OES**

Emergency Preparedness Office  
2535 Commerce Way  
Commerce, CA 90040  
(323) 887-4460

**STATE ERT**

Office of Emergency Services  
Hazardous Materials  
3650 Schriever Avenue  
Mather, CA 95655  
(800) 852-7550

**MEDICAL FACILITIES**

US Health Works Medical Group  
3430 S. Garfield Ave.  
Commerce, CA 90040  
(323) 722-8481

(after hours use nearest emergency hospital room)

**OUTSIDE CONTRACTORS**

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Innovative Waste Utilization  
5601 State Street  
Montclair, CA 91763  
(909) 984-9984

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| <b>IN AN EMERGENCY CALL: 911</b> |
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